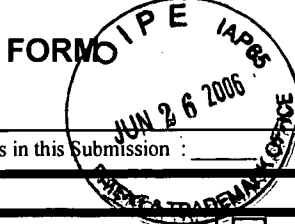


TRANSMITTAL



Application Number: 10/072,320
 Filing Date: February 7, 2002
 First Named Inventor: Russell Mumper
 Art Unit: 1618
 Examiner Name: Michael G. Hartley
 Attorney Docket Number: NANO:002USD1

Total Number of Pages in this Submission : _____

ENCLOSURES (check all that apply)

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Signature	<i>[Signature]</i> GINA SHJHMA 45,104		
Printed Name	Michael C. Barrett	Reg. No.	44,523
Date	June 23, 2006		

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Typed or Printed Name	Michael C. Barrett	Date	June 23, 2006



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Russell Mumper
Michael Jay

Serial No.: 10/072,320

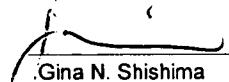
Filed: February 7, 2002

For: pH-SENSITIVE MUCOADHESIVE FILM-
FORMING GELS AND WAX-FILM
COMPOSITES SUITABLE FOR
TOPICAL AND MUCOSAL DELIVERY
OF MOLECULES

Group Art Unit: 1618

Examiner: Michael G. Hartley

Atty. Dkt. No.: NANO:002USD1

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be

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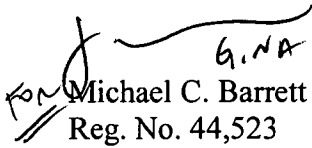
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01 FC:1806

construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

A fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 is enclosed. If an appropriate check has not been enclosed, or if it is insufficient, the Commissioner is authorized to deduct the appropriate fee from Fulbright & Jaworski Account No.: 50-1212/NANO:002USD1.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

for  *GINA SHISHMA REG NO. 45,104*
Michael C. Barrett
Reg. No. 44,523
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
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Austin, Texas 78701
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Date: June 23, 2006

Form PTO-1449 (modified)

Atty. Docket No.
NANO:002USD1Serial No.
10/072,320List of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
February 7, 2002Group:
1618U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 1Other Art
See Page 2

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A4	5,252,318	10/12/93	Joshi <i>et al.</i>	424	78.04	06/15/90
	A5	5,346,701	09/13/94	Heiber <i>et al.</i>	424	435	02/22/93
	A6	5,441,732	08/15/95	Hoeg <i>et al.</i>	424	78.04	03/18/92
	A7	5,472,704	12/05/95	Santus <i>et al.</i>	424	435	12/27/93
	A8	5,639,469	06/17/97	Benes <i>et al.</i>	424	435	06/15/94
	A9	5,688,520	11/18/97	Karsenty <i>et al.</i>	424	434	05/24/95
	A10	5,780,045	07/14/98	McQuinn <i>et al.</i>	424	434	11/08/96
	A11	5,900,247	05/04/99	Rault <i>et al.</i>	424	434	12/27/96
	A12	5,989,535	11/23/99	Nayak	424	78.02	08/15/97
	A13	5,993,846	11/30/99	Friedman <i>et al.</i>	424	434	04/21/98
	A14	6,004,546	12/21/99	Sachetto	424	78.01	05/14/99
	A15	6,086,911	07/11/00	Godbey	424	448	06/16/98
	A16	6,159,498	12/12/00	Tapolsky <i>et al.</i>	424	449	09/01/98
	A17	6,210,699	04/03/01	Acharya <i>et al.</i>	424	435	04/01/99
	A18	6,319,510	11/20/01	Yates	424	404	02/22/00

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B5	WO 00/54733	03/03/00	WIPO			German

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Form PTO-1449 (modified)

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Atty. Docket No.

NANO:002USD1

Serial No.

10/072,320

Applicant

Russell Mumper and Michael Jay

Filing Date:

February 7, 2002

Group:

1618

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 2

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C44	Leopold and Eikeler, "Eudragit E as coating material for the pH-controlled drug release in the topical treatment of inflammatory bowel disease (IBD)," <i>J Drug Target</i> , 6(2):85-94, 1998.
	C45	Nakumura <i>et al.</i> , "Uptake and release of budesonide from mucoadhesive, pH-sensitive copolymers and their application to nasal delivery," <i>J Control Release</i> , 61(3):329-35, 1999.
	C46	Park and Robinson, "Mechanisms of mucoadhesion of poly(acrylic acid) hydrogels," <i>Pharm Res</i> , 4(6):457-64, 1987.
	C47	Ramkisson-Ganorkar <i>et al.</i> , "Effect of molecular weight and polydispersity on kinetics of dissolution and release from pH/temperature-sensitive polymers," <i>J Biomater Sci Polym Ed</i> 10(10):1149-61, 1999.
	C48	Ryu <i>et al.</i> , "Increased bioavailability of propranolol in rats by retaining thermally gelling liquid suppositories in the rectum," <i>J Control Release</i> , 59(2):163-72, 1999.

25669841.1

EXAMINER:

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